



Docket No. 1020843-991160

DAC.

#4

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arnaldo Valenzuela

Serial No: 09/577,209

Group Art Unit:

Filed: May 23, 2000 Examiner:

Title: TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE OPTICAL
DATA TRANSMISSION

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Box DAC, Commissioner for Patents, Washington, D.C. 20231, on October 24, 2002.

Linda Murphy West
Linda Murphy West

PETITION UNDER 37 C.F.R. § 137(a) TO REVIVE AN
UNAVOIDABLY ABANDONED APPLICATION

Box DAC
Commissioner for Patents and Trademarks
Washington, D.C. 20231

RECEIVED

OCT 23 2002

OFFICE OF PETITIONS

Sir:

In response to the Notice of Abandonment Under 37 CFR 1.53(f) or (g) (copy enclosed) mailed September 18, 2002, applicant respectfully petitions the Commissioner under 37 CFR 1.137(a) to revive this application on the grounds of **UNAVOIDABLE DELAY**.

REMARKS

Applicants were recently advised pursuant to the enclosed Notice of Abandonment mailed September 18, 2002, that the above-identified application was abandoned for failure to timely reply to the Notice to File Missing Parts mailed July 31, 2000. Because a Response to the Notice to File Missing Parts was, in fact, timely filed, it is submitted that this Petition to Revive on grounds of Unavoidable Delay should be granted.

In support of this Petition, the following showing and copies of previously filed documents are submitted.

A timely Response to the Notice to File Missing Parts of Nonprovisional Application dated July 31, 2000, was deposited in First Class Mail on October 2, 2000. A copy of the Response, which included the following documents, is attached as Exhibit A:

Response To Notice To File Missing Parts (Transmittal)

A copy of the Notice to File Missing Parts;

Executed declaration/power of attorney;

Assignment with recordation form cover sheet;

Check for \$170 to cover the \$130 surcharge and \$40 assignment recordation fee; and

Return postcard.

The Response and documents were received by the Office on October 6, 2000, as shown by the Office Mail Room date stamp on the copy of the return postcard attached as Exhibit B.

Upon receiving the return postcard, it was discovered that the Response to Notice to File Missing Parts transmittal, the Postcard, and the Assignment all indicated the incorrect serial number of this application. (However, the correct serial number was indicated on the return copy of the Notice to File Missing Parts.) These documents bore the incorrect serial number 09/557,209. The correct serial number is 09/577,209.

Upon discovering the error, the undersigned faxed to the Office on October 17, 2000, a request for Correction of U.S. Serial No. and copies of the previously filed Response and attached documents. Copies are attached as Exhibit C. As shown, the fax and Correction requested that the serial number on the previously filed documents be corrected.

These attached Exhibits and documents show that a Response to the Notice to File Missing Parts was, in fact, timely filed. Apparently, the Office failed to correct the serial number as requested. Accordingly, it is respectfully requested that the Commissioner

grant this Petition to Revive this application on the grounds of unavoidable delay, and further afford an early examination of this application.

In the event an extension of time is necessary, please consider this paper as a Petition for Extension of Time for the appropriate time.

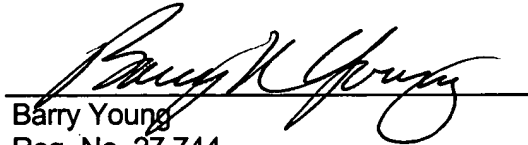
The \$110 fee applicable to a large entity due for this Petition, as well as any other fees which may be due, may be charged to deposit account number 07-1896.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP

Dated: October 15, 2002

By



Barry Young
Reg. No. 27,744
Attorney for Applicant

GRAY CARY WARE & FREIDENRICH LLP
1755 Embarcadero Road
Palo Alto, CA 94303
(650) 320-7439



Docket No. B0843-1160

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arnaldo Valenzuela, et al.

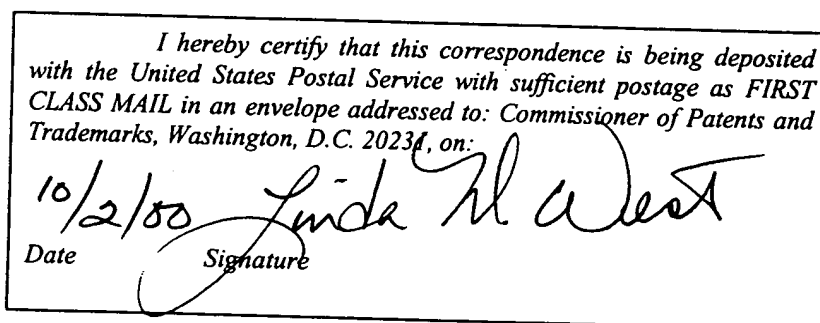
Serial No: 09/557,209

Group Art Unit: 1762

Filed: May 23, 2000

Examiner: Unknown

Title: TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE
OPTICAL DATA TRANSMISSION



RESPONSE TO NOTICE TO FILE MISSING PARTS

Box MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

OCT 23 2002

OFFICE OF PETITIONS

Sir:

In response to the "Notice to File Missing Parts of Utility Patent Application" mailed by the United States Patent and Trademark Office on July 31, 2000. The following documents are enclosed to complete the filing of the above-referenced patent application:

1. Copy of Notice to File Missing Parts (1 pg.)
2. Executed Declaration and Power of Attorney (executed in counterparts);
3. Executed Assignment with Recordation Cover Sheet;
4. Check in the sum of \$170.00; and

EXHIBIT A

5. Return Postcard

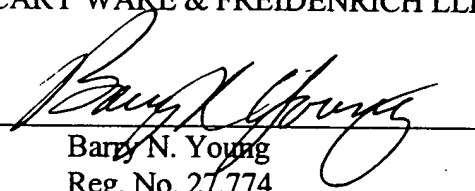
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP

Dated: October 2, 2000

By



Barry N. Young
Reg. No. 27,774

GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, CA 94304-1203
Telephone: (650) 320-7400

HV\7057482.1



RECORDATION FORM COVER SHEET

PATENTS ONLY

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Arnoldo Valenzuela, Giuseppe Balsecchi, Robert David Banham, Fabio Marioni</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Execution Date: May 24 and 26, 2000</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Media Lario S.r.l.</p> <p>Street Address: Localita Pascolo I-23842 Bosisio Parini LC ITALY</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	---

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/557,209

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Barry N. Young Internal Address: <u>GRAY CARY WARE & FREIDENRICH</u> <u>3340 Hillview Avenue</u> <u>Palo Alto, California 94304</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>07-1896</u> Please debit any underpayment or credit any overpayment to the above deposit account. Our Order No. 1020843-991160</p>
---	---

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barry N. Young

Name of Person Signing

Signature

October 2, 2000

Date

Total number of pages comprising cover sheet: [6]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

ASSIGNMENT

WHEREAS, Arnolde Valenzuela, Giuseppe Balsecchi, Robert David Banham, and Fabio Marioni made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE OPTICAL DATA TRANSMISSION

X filed as serial no. 09/557,209 on 5/23/00

WHEREAS, Media Lario S.r.l., a corporation under the laws of Italy, and whose address is Localita Pascolo, I-23842 Bosisio Parini LC, Italy, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns

Gray Cary/HV7054515.1
1020843-991100

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OCT 23 2002
OFFICE OF PETITIONS

which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

Arnoldo Valenzuela
Arnoldo Valenzuela

May, 24/2000
Date

WITNESS:

Name: COLOMBO ALESSANDRA

Address: VIA G. GALILEI, 20 23900 LECCO ITALY

Alessandra Colombo
Signature

May, 24/2000
Date

IN WITNESS WHEREOF:

Giuseppe Valscchi

Date

WITNESS:

Name:

Address:

Signature

Date

which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

Arnoldo Valenzuela

Date

WITNESS:

Name:

Address:

Signature

Date

IN WITNESS WHEREOF:

Giuseppe Valsecchi
Giuseppe Valsecchi

24 May 2000
Date

WITNESS:

Name: ROMINA TAVOLA

Address: VIA ROMA, 3 23889 S. MARIA HOE (LE) ITALY

Romina Tavola
Signature

24th May 2000
Date

IN WITNESS WHEREOF:

Robert David Banham
Robert David Banham

24/5/00
Date

WITNESS:

Name: ROMINA TAVOLA

Address: VIA ROMA, 3 23889 S. MARIA HOE (LC) ITALY

Romina Tavola
Signature

24TH May 2000
Date

IN WITNESS WHEREOF:

Fabio Marioni

Date

WITNESS:

Name:

Address:

Signature

Date

IN WITNESS WHEREOF:

Robert David BanhamDate

WITNESS:

Name:

Address:

SignatureDate

IN WITNESS WHEREOF:

Fabio Marioni
Fabio Marioni26th May 2000
Date

WITNESS:

Name: ROMINA TAVOLA

Address: VIA ROMA, 3 23889 S. MARIA HOE (LC) ITALY

Romina Tolda
Signature24th May 2000
Date

456035

INVOICE	DATE	AMOUNT	
10/02/00 12000-	10-02-00	170.00	1020843-991160 Linda West x7455



Box Missing Parts
Commissioner of Patents & Trademarks
Washington, D.C. 20231

Docket No. B0843-1160

Title "Telescope Mirror for High Bandwidth Free Space
Optical Data Transmission"
Inventor: Arnaldo Valenzuela, et al
Serial No. 09/557,209

Mailing Date: October 2, 2000

Enclosed are:

- 1) Response to Notice to File Missing Parts;
- 2) Copy of Notice to File Missing Parts;
- 3) Executed Declaration/Power of Attorney;
- 4) Assignment w/Recordation Form Cover Sheet;
- 5) Check in the sum of \$170.00; and
- 6) Return Postcard

Betten & Resch

1020843-991160

BNY/lmw

Gray Cary Ware & Freidenrich LLP

3340 Hillview Avenue
Palo Alto, CA 94304
Tel: 650-320-7400
Fax: 650-320-7401
www.graycary.com

FAX TRANSMISSION COVER SHEET

October 17, 2000

To:

Telephone:

Fax Number:

Box Missing Parts

703/305-

703/308-7751

USPTO

**From: Barry N. Young
650-320-7439**

Client-Matter Number: 1020843-991160

Re:

Pages: - 33 - (including this form)

Originals: ☒ will be mailed ☐ will not be mailed

If there is a problem with this transmission, please call (650) _____

Fax Operator/Ext.

MESSAGE:

Dear Sir Attached are documents which were received by your office on October 6, 2000 and which contained an incorrect serial number. Please intercept these documents and correct the U.S. Serial Number to 09/577,209 in accordance with the attached Correction sheet.

Please phone the undersigned upon receipt of this Fax so that we may discuss what additional action may be necessary.

Barry N. Young (Reg. No. 27,744)

RECEIVED

OCT 23 2002

OFFICE OF PETITIONS

CONFIDENTIALITY NOTICE

This communication is ONLY for the person named above. Unless otherwise indicated, this communication is confidential, privileged or exempt from disclosure under applicable law. If you are not the named addressee, you should not disseminate, distribute or copy this communication. If you have received this communication in error, please notify the sender immediately by collect telephone and mail the original communication to the sender.

EXHIBIT C



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arnoldo Valenzuela, et al.

Serial No: 09/577,209

Group Art Unit: 1762

Filed: May 23, 2000

Examiner: Unknown

Title: TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE
SPACE OPTICAL DATA TRANSMISSION

*I hereby certify that this correspondence is being communicated
to Box Missing Parts, Assistant Commissioner of Patents and Trademarks,
Washington, D.C. 20231, via Facsimile at 703/308-6916, on:*

10/17/00
Date

Linda M. West
Signature

CORRECTION OF U.S. SERIAL NO.

Box MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This communication is to notify you that on October 2, 2000, this office filed via first class mail, a package of documents that all referred to an incorrect Serial No. 08/557,209. **This Serial Number is incorrect.** The correct Serial Number and relevant file information is noted above. The return postcard indicates this documentation was received by your office on October 6, 2000.

The papers filed with the incorrect Serial Number (copies attached) consisted of the following:

- 1) Response to Notice to File Missing Parts;

- 2) Copy of Notice to File Missing Parts form;
- 3) Executed Declaration/Power of Attorney;
- 4) Assignment w/Recordation Form Cover Sheet;
- 5) Check in the sum of \$170.00; and
- 6) Return postcard

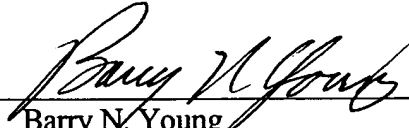
We recently received the return postcard stamped received by your office on October 6, 2000. Please change the Serial Number on all of said documents to **U.S. Serial No. 09/577,209** as recited above.

Please address any questions to the undersigned.

Respectfully submitted,

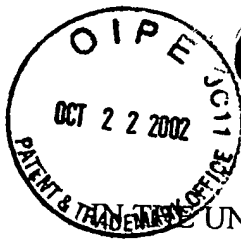
GRAY CARY WARE & FREIDENRICH LLP

Dated: October 17, 2000


Barry N. Young
Reg. No. 27,744

GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, CA 94304-1203
Telephone: (650) 320-7400

HVV7063076.1



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arnoldo Valenzuela, et al.

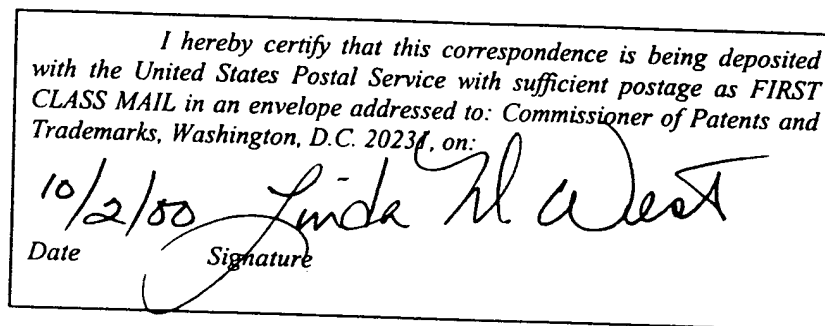
Serial No: 09/557,209

Group Art Unit: 1762

Filed: May 23, 2000

Examiner: Unknown

Title: TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE
OPTICAL DATA TRANSMISSION



RESPONSE TO NOTICE TO FILE MISSING PARTS

Box MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the "Notice to File Missing Parts of Utility Patent Application" mailed by the United States Patent and Trademark Office on July 31, 2000. The following documents are enclosed to complete the filing of the above-referenced patent application:

1. Copy of Notice to File Missing Parts (1 pg.)
2. Executed Declaration and Power of Attorney (executed in counterparts);
3. Executed Assignment with Recordation Cover Sheet;
4. Check in the sum of \$170.00; and

5. Return Postcard

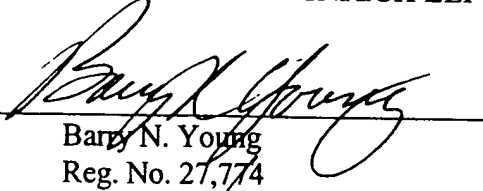
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP

Dated: October 2, 2000

By


Barry N. Young
Reg. No. 27,774

4

GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, CA 94304-1203
Telephone: (650) 320-7400

HV\7057482.1

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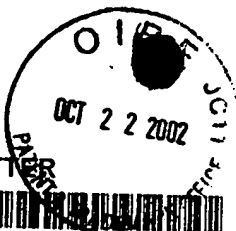
OCT 23 2002

OFFICE OF PETITIONS

FORMALITIES LETTER



OC000000005284437

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/577,209	05/23/2000	Arnoldo Valenzuela	B0843-991160

Gray Cary Ware & Freidenrich LLP
Attn Patent Department
3340 Hillview Avenue
Palo Alto, CA 94304

Date Mailed: 07/31/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

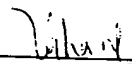
FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply.


Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

RECEIVED

OCT 23 2002

OFFICE OF PETITIONS



DECLARATION AND POWER OF ATTORNEY

DECLARATION:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe, I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE OPTICAL DATA TRANSMISSION

the specification of which (check only one item below):

 is attached hereto.

 X was filed as United States Application
Serial No. on
and identified as attorney docket B0843-991160.

 X was filed as European application
Number 00109448.1 on May 3, 2000

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:			
Country (If PCT, indicate PCT)	Application Number	Date Filed	Priority Claimed (Yes/No)
EP	00109448.1	May 3, 2000	Yes

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:					
U.S. APPLICATIONS			STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE		PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) with full power of substitution to act exclusively to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Barry N. Young (Reg. No. 27,744); Timothy W. Lohse (Reg. No. 35,255); Stephen E. Reiter (Reg. No. 31,192); Steven R. Sprinkle (Reg. No. 40,825); William N. Hulsey III (Reg. No. 33,402); Terrance A. Meador (Reg. No. 30,298); Ramsay R. Stewart (Reg. No. 38,322); June M. Learn (Reg. No. 31,238); John Oskorep (Reg. No. 41,234); Timothy N. Ellis (Reg. No. 41,734); David R. Stevens (Reg. No. 38,626); Wayne P. Sobon (Reg. No. 32,438); William G. Goldman (Reg. No. 42,590); Derek J. Westberg (Reg. No. 40,872); Sheila Kirschenbaum (Reg. No. 44,835); Travis L. Dodd (Reg. No. 42,491); Charles D. Gavrilovich, Jr. (Reg. No. 41,031); Gerald W. Maliszewski (Reg. No. 38054); Hayward A. Verdun (Reg. No. 43,223); Armando Pastrana, Jr. (Reg. No. 44,997)

All correspondence should be addressed to:

Barry N. Young
GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, CA 94304

All telephone calls should be directed to Barry N. Young, telephone number (650) 320-7400.

Inventor's Full Name:	Dr. Arnoldo VALENZUELA
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Munich, Germany
Citizenship:	Argentina
Post Office Address:	Sonnenspitze 7, D-81825 Munich, Germany

Inventor's Full Name:	Mr. Giuseppe VALSECCHI
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Oggiono LC, Italy
Citizenship:	Italy
Post Office Address:	Via ai campi 27, I-23848 Oggiono LC, Italy

Inventor's Full Name:	Mr. Robert David BANHAM
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Suffolk, United Kingdom
Citizenship:	United Kingdom
Post Office Address:	Ridge Cottage/Glevering Hill, Wickham Market, Suffolk IP 13 ODG, United Kingdom

Inventor's Full Name:	Mr. Fabio MARIONI
Inventor's Signature:	<i>Fabio Marioni</i>
Date:	24 th MAY 2000
Residence: (City, State and/or country)	Saronno VA, Italy
Citizenship:	Italy
Post Office Address:	Via Rossini 10, I-21047 Saronno VA, Italy



DECLARATION AND POWER OF ATTORNEY

DECLARATION:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe, I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE OPTICAL DATA TRANSMISSION

the specification of which (check only one item below):

 is attached hereto.

 X was filed as United States Application
Serial No. on
and identified as attorney docket B0843-991160.

 X was filed as European application
Number 00109448.1 on May 3, 2000

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

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OCT 23 2002

OFFICE OF PETITIONS

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:			
Country (If PCT, indicate PCT)	Application Number	Date Filed	Priority Claimed (Yes/No)
EP	00109448.1	May 3, 2000	Yes

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:					
U.S. APPLICATIONS			STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE		PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

POWER OF ATTORNEY:

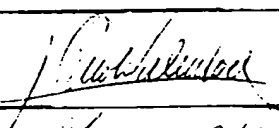
As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) with full power of substitution to act exclusively to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Barry N. Young (Reg. No. 27,744); Timothy W. Lohse (Reg. No. 35,255); Stephen E. Reiter (Reg. No. 31,192); Steven R. Sprinkle (Reg. No. 40,825); William N. Hulsey III (Reg. No. 33,402); Terrance A. Meador (Reg. No. 30,298); Ramsey R. Stewart (Reg. No. 38,322); June M. Learn (Reg. No. 31,238); John Oskorep (Reg. No. 41,234); Timothy N. Ellis (Reg. No. 41,734); David R. Stevens (Reg. No. 38,626); Wayne P. Sobon (Reg. No. 32,438); William G. Goldman (Reg. No. 42,590); Derek J. Westberg (Reg. No. 40,872); Sheila Kirschenbaum (Reg. No. 44,835); Travis L. Dodd (Reg. No. 42,491); Charles D. Gavrilovich, Jr. (Reg. No. 41,031); Gerald W. Maliszewski (Reg. No. 38054); Hayward A. Verdun (Reg. No. 43,223); Armando Pastrana, Jr. (Reg. No. 44,997)

All correspondence should be addressed to:

Barry N. Young
GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, CA 94304

All telephone calls should be directed to Barry N. Young, telephone number (650) 320-7400.

Inventor's Full Name:	Dr. Arnoldo VALENZUELA
Inventor's Signature:	
Date:	May 24, 2000
Residence: (City, State and/or country)	Munich, Germany
Citizenship:	Argentina
Post Office Address:	Sonnenspitzstr. 7, D-81825 Munich, Germany

Inventor's Full Name:	Mr. Giuseppe VALSECCHI
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Oggiono LC, Italy
Citizenship:	Italy
Post Office Address:	Via ai campi 27, I-23848 Oggiono LC, Italy

Inventor's Full Name:	Mr. Robert David BANHAM
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Suffolk, United Kingdom
Citizenship:	United Kingdom
Post Office Address:	Ridge Cottage/Glevering Hill, Wickham Market, Suffolk IP 13 ODG, United Kingdom

Inventor's Full Name:	Mr. Fabio MARIONI
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Saronno VA, Italy
Citizenship:	Italy
Post Office Address:	Via Rossini 10, I-21047 Saronno VA, Italy



DECLARATION AND POWER OF ATTORNEY

DECLARATION:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe, I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE OPTICAL DATA TRANSMISSION

the specification of which (check only one item below):

___ is attached hereto.

☒ was filed as United States Application
Serial No. _____ on _____
and identified as attorney docket B0843-991160.

☒ was filed as European application
Number 00109448.1 on May 3, 2000

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:			
Country (If PCT, indicate PCT)	Application Number	Date Filed	Priority Claimed (Yes/No)
EP	00109448.1	May 3, 2000	Yes

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:					
U.S. APPLICATIONS			STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE		PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

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GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, CA 94304

All telephone calls should be directed to Barry N. Young, telephone number (650) 320-7400.

Inventor's Full Name:	Dr. Arnoldo VALENZUELA
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Munich, Germany
Citizenship:	Argentina
Post Office Address:	Sonnenspitze 7, D-81825 Munich, Germany

Inventor's Full Name:	Mr. Giuseppe VALSECCHI
Inventor's Signature:	<i>Giuseppe Valsecchi</i>
Date:	<i>24 May 2000</i>
Residence: (City, State and/or country)	Oggiono LC, Italy
Citizenship:	Italy
Post Office Address:	Via ai campi 27, I-23848 Oggiono LC, Italy

Inventor's Full Name:	Mr. Robert David BANHAM
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Suffolk, United Kingdom
Citizenship:	United Kingdom
Post Office Address:	Ridge Cottage/Glevering Hill, Wickham Market, Suffolk IP 13 ODG, United Kingdom

Inventor's Full Name:	Mr. Fabio MARIONI
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Saronno VA, Italy
Citizenship:	Italy
Post Office Address:	Via Rossini 10, I-21047 Saronno VA, Italy



DECLARATION AND POWER OF ATTORNEY

DECLARATION:

As a below named inventor, I hereby declare that:

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I believe, I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE OPTICAL DATA TRANSMISSION

the specification of which (check only one item below):

___ is attached hereto.

X was filed as United States Application
Serial No. _____ on _____
and identified as attorney docket B0843-991160.

X was filed as European application
Number 00109448.1 on May 3, 2000

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Country (If PCT, indicate PCT)	Application Number	Date Filed	Priority Claimed (Yes/No)
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All correspondence should be addressed to:

Barry N. Young
GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, CA 94304

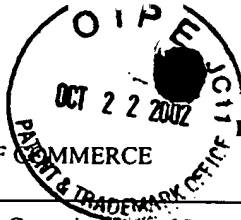
All telephone calls should be directed to Barry N. Young, telephone number (650) 320-7400.

Inventor's Full Name:	Dr. Arnoldo VALENZUELA
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Munich, Germany
Citizenship:	Argentina
Post Office Address:	Sonnenspitzstr. 7, D-81825 Munich, Germany

Inventor's Full Name:	Mr. Giuseppe VALSECCHI
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Oggiono LC, Italy
Citizenship:	Italy
Post Office Address:	Via ai campi 27, I-23848 Oggiono LC, Italy

Inventor's Full Name:	Mr. Robert David BANHAM
Inventor's Signature:	
Date:	24/5/00
Residence: (City, State and/or country)	Suffolk, United Kingdom
Citizenship:	United Kingdom
Post Office Address:	Ridge Cottage/Glevering Hill, Wickham Market, Suffolk IP 13 ODG, United Kingdom

Inventor's Full Name:	Mr. Fabio MARIONI
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	Saronno VA, Italy
Citizenship:	Italy
Post Office Address:	Via Rossini 10, I-21047 Saronno VA, Italy



RECORDATION FORM COVER SHEET

PATENTS ONLY

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Arnoldo Valenzuela, Giuseppe Balsecchi,
Robert David Banham, Fabio MarioniAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Execution Date: May 24 and 26, 2000

2. Name and address of receiving party(ies):

Name: Media Lario S.r.l.

Street Address: Localita Pascolo
I-23842 Bosisio Parini LC
ITALYAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/557,209

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Barry N. Young
Internal Address: GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, California 94304

6. Total number of applications

and patents involved:

1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 07-1896

Please debit any underpayment or credit any
overpayment to the above deposit account.

Our Order No. 1020843-991160

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barry N. Young

Name of Person Signing

Signature

October 2, 2000

Date

Total number of pages comprising cover sheet: [6]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

ASSIGNMENT

WHEREAS, Arnolde Valenzuela, Giuseppe Balsecchi, Robert David Banham, and Fabio Marioni made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled TELESCOPE MIRROR FOR HIGH BANDWIDTH FREE SPACE OPTICAL DATA TRANSMISSION

X filed as serial no. 09/557,209 on 5/23/00

WHEREAS, Media Lario S.r.l., a corporation under the laws of Italy, and whose address is Localita Pascolo, I-23842 Bosisio Parini LC, Italy, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns

which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

Arnoldo Valenzuela
Arnoldo Valenzuela

May, 24 2000
Date

WITNESS:

Name: COLOMBO ALESSANDRA

Address: VIA G. GALILEI, 20 23900 LEGNO ITALY

Alessandra Colombo
Signature

May, 24/2000
Date

IN WITNESS WHEREOF:

Giuseppe Valscchi

Date

WITNESS:

Name:

Address:

Signature

Date

which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

Arnoldo Valenzuela

Date

WITNESS:

Name:

Address:

Signature

Date

IN WITNESS WHEREOF:

Giuseppe Valsocchi
Giuseppe Valsocchi

24 May 2000
Date

WITNESS:

Name: ROMINA TAVOLA

Address: VIA ROMA, 3 23889 S. MARIA HOE (LC) ITALY

Romina Tavola
Signature

24th May 2000
Date

IN WITNESS WHEREOF:

Robert David Banham
Robert David Banham

24/5/00
Date

WITNESS:

Name: ROMINA TAVOLA

Address: VIA ROMA, 3 23889 S. MARIA HOE (LC) ITALY

Romina Tavola
Signature

24TH May 2000
Date

IN WITNESS WHEREOF:

Fabio Marioni
Fabio Marioni

Date
Date

WITNESS:

Name:

Address:

Signature
Signature

Date
Date

IN WITNESS WHEREOF:

Robert David BanhamDate

WITNESS:

Name:

Address:

SignatureDate

IN WITNESS WHEREOF:

Fabio Marioni
Fabio Marioni24th May 2000
Date

WITNESS:

Name: ROMINA TAVOLA

Address: VIA ROMA, 3 23889 S. MARIA HOE (LC) ITALY

Romina Tolda
Signature24th May 2000
Date